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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

Complete if Known				
Application Number	10/634,377			
Filing Date	08-05-2003			
First Named Inventor	Robert Lewis	_		
Art Unit				
Examiner Name		_		
Attorney Docket Number	780139.91751	ナ		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Th	1	^{US-} 6,505,710 B1	01-14-2003	Kato	
In	2	^{US-} 6,182,797 B1	02-06-2001	Tebbe et al	
TM	3	^{US-} 5.992.571	11-30-1999	Lee	
	4	^{US-} 5,046,858	09-10-1991	Ohta et al	
	5	^{US-} 5,330,032	07-19-1994	Warner	
	6	^{US-} 4,721,187	01-26-1988	Riddle	
	7	^{US-} 4,657,471	04-14-1987	Shinoda et al	
	8	^{US-} 4,585,093	04-29-1986	Barda Jr.	
	9	^{US-} 4.506.764	03-26-1985	Griesenbrock et al	
	10	^{US-} 4.441.585	04-10-1984	Macnab	
	11	^{US-} 4.369,861	01-25-1983	Reitman	
	12	^{US-} 4,374,550	02-22-1983	Bartow	
	13	^{US-} 4,392,554	07-12-1983	Russey	
	14	^{US-} 4,355,703	10-26-1982	Bartow	
	15	^{US-} 4.356.891	11-02-1982	Bartow	
	16	^{US-} 4.356.893	11-2-1982	Johannson	
	17	^{US-} 4.365.693	12-28-1982	McVeen	
1	18	^{US-} 4.261.438	04-14-1981	Olson	
710	19	^{US-} 4.191.276	03-04-1980	Farmer et al	

	FOREIGN PATENT DOCUMENTS								
Examiner Cite Initials* No.1	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Г			
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Sheet	2		of	2
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Application Number				
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Group Art Unit				
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Attorney Docket Number				

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Examine Initlats	r Cite	U.S. Patent	Kind Code ²	U.S. PATENT DOCL Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Retayant Passages or Retayant
71	20	4.238.004	(II known)	Olson	12-09-1980	Figures Appear
	21	4,030,568		Heinold	06-21-1977	
 - -	22	3.727.778		Hollenbach	04-17-1973	
-	23	3,394,778		Brinton	07-30-1968	
774	24_	3.127.956		Hosbein et al	04-07-1964	
	 					
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